

**Dale Haines** Operations Manager Union Oil Company of California 3800 Centerpoint Drive Suite 100 Anchorage, Alaska 99503 Tel 907 263 7951 Fax 907 263 7698 Email daleah@chevron.com

November 19, 2010

Mr. Chae Park U.S. Environmental Protection Agency Region 10, Water Compliance Section 1200 Sixth Avenue, OW-133 Seattle, WA 98101

RETURN RECEIPT REQUESTED - CERTIFIED MAIL 91 7108 2133 3937 7382 8265

Re: NPDES Permit No. AKG-31-5002

Trading Bay Production Facility October 2010 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California operates the Trading Bay Production Facility that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5002. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the October 2010 NPDES Discharge Monitoring Reports (DMRs) for the Trading Bay Production Facility.

We are using the forms provided by EPA with corrections to accommodate the reporting that is required by the permit. The corrections were approved by your Data Steward in an e-mail to Marilu Moreno-Jones dated September 3, 2010. We plan to use this same format for our future DMR submittals.

Consistent with the authorization in your e-mail of September 16, 2010, this letter certifies all of the 5 pages of DMRs for Trading Bay Production Facility attached to this letter.

If you have any questions, please direct them to Ms. Marilu Moreno-Jones at 907-263-7305 or via e-mail at <a href="mailto:mmjones@chevron.com">mmjones@chevron.com</a>.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,

Mallan

**Dale Haines** 

CC:

ADEC / Certified Mail 91 7108 2133 3937 7382 8272

NOV 2 2 2010

DEC
Division of Water Quality
Wastewater Discharge Program

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: UNION OIL COMPANY OF CALIFORNIA (UNOCAL)

ADDRESS: P.O. BOX 196247

ANCHORAGE, AK 99519-6247

FACILITY: TRADING BAY TREATMENT FACILITY

LOCATION: COOK INLET, Alaska

ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315002 PERMIT NUMBER

FROM

015-A DISCHARGE NUMBER

 MONITORING PERIOD

 MM/DD/YYYY
 MM/DD/YYYY

 10/01/2010
 TO
 10/31/2010

DMR Mailing ZIP CODE: 99519

MINOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

No Discharge

PARAMETER		QUAN	TITY OR LOADING	9	(	QUALITY OR CON	ICENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	****	NA	****	NA	NA	NA	NA	NA
00400 V 0 See Comments	PERMIT REQUIREMENT	***	*****	*****	6 MINIMUM	#****	9 MAXIMUM	SU		Monthly	GRAB
pH	SAMPLE MEASUREMENT	*****	*****	*****	7.0	****	8.4	su	0	Weekly	GRAB
00400 W 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	<b>光</b> 治于女命表	*****	*****	****	NA	NA	NA	NA	NA	NA
03582 T 0 See Comments	PERMIT REQUIREMENT	传音安排的	*****	*****	*****	29 MO AVG	42 DAILY MX	ug/L		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****	****	23	30	ug/L	0	Weekly	COMP24
03582 U 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	****	29 MO AVG	42 DAILY MX	ug/L		Weekly	COMP24
Flow, in conduit or thru treatment plant*	SAMPLE MEASUREMENT	3.246221	3.462186	Mgal/d	*****	****	****	****	NA	Monthly	ESTIMA
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Reg. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	****	****	*****		Monthly	ESTIMA
Produced water, free oil	SAMPLE MEASUREMENT	*****	NA	NA	*****	****	*****	*****	NA	NA	NA
79834 1 0 Effluent Gross	PERMIT REQUIREMENT	****	Req. Mon. MO TOTAL	occur/ma	*全省会市委	****	安安安全会	****		Daily	VISUAL

TOTAL PROPERTY CALCULATE CAPTURE	I cortify under persulty of Izes that the document and all attachments were prepared under my direction or supervision successions with a system disaggment to assure that qualified persurantel property gather and evaluate the information potentials. Assure on my requiry of the persons or persurant who manage, the system, or discus persons directly responsible for		TEI	LEPHONE	DATE
Joint Lagar, Serierar Manager	gathering the information, the information submetted is, to the best of my knowledge and belief, true, accurate, and		(907)	276-7600	11/19/2010
TYPED OR PRINTED		OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NO DISCHARGE OF PRODUCED SAND IS ALLOWED

T = GRAB SAMPLE

U = COMPOSIT SAMPLE

V = DISCHARGE < 1 MGD (PREVIOUS MONTHS AVG RATE)

W = DISCHARGE > 1 MGD (PREVIOUS MONTH'S AVG RATE)

\* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.

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PARAMETER		QUANT	TTY OR LOADING	ì	(	QUALITY OR CON	CENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Nitrogen, ammonia total (as N)	SAMPLE MEASUREMENT	****	*****	*****	****	0.1	0.1	mg/L	0	Quarterly	GRAB
00610 1 0 Effluent Gross	PERMIT REQUIREMENT	******	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Silver total recoverable	SAMPLE MEASUREMENT	亲参索有证书	***	****	****	5	5	ug/L	0	Monthly	GRAB
01079 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	23 MO AVG	47 DAILY MX	ug/L		Monthly	GRAB
Silver total recoverable	SAMPLE MEASUREMENT	****	*****	*****	****	NA	NA	NA	NA	NA	NA
01079 P 0 See Comments	PERMIT REQUIREMENT	****	*****	******	*****	23 MO AVG	47 DAILY MX	ug/L.		Quarterly	CALCTD
Silver total recoverable	SAMPLE MEASUREMENT	*****	****	*****	*****	NA	NA	NA	NA	NA	NA
01079 Q 0 See Comments	PERMIT REQUIREMENT	****	*****	****	*****	23 MO AVG	47 DAILY MX	ug/L		Weekiy	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	****	****	*****	*****	0.03	0.03	mg/L	0	Monthly	GRAB
01094 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	******	*****	*****	0.9 MO AVG	1,9 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	黄素制化金布	NA	NA	NA	NA	NA	NA
01094 P 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	0.9 MO AVG	1.9 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	****	NA	NA	NA	NA	NA	NA
01094 Q 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	******	0.9 MO AVG	1.9 DAILY MX	mg/L		Quarterly	GRAB

TAMESTICE PRINCIPAL EXECUTIVE OFFICER	I eartify under penalty of law that this discussors and all attaclations were prepared under my direction as supervision accordance with a system designed to neasor that qualified personnel property gather and evaluate the inferensation abstracted from one my supersy of the persons of present personality for a system of the person of present personality for the person of present personality for the person of present personality for the person of personality for the personality for the personality of the personality of the person of of the pe	TE	LEPHONE	DATE
Mid Continent/Alaska Business Unit	gentering the information, the information inferiored is, to the best of my knowledge and belief, true, accurate, and	(907)	276-7600	11/19/2010
TYPED OR PRINTED	mane engles to taleste lose on tennalistic hadeste and	 AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P=MONT. REDUCE (II.G.6.a.1.)
Q=MONT INCREASE (II.G.6.a.2.)
R=ACCELERATED TESTING (III.A.7)

Form Approved OMB No. 2040-0004

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			1
Copper, total recoverable	SAMPLE MEASUREMENT	****	*****	*****	*****	5	5	ug/L	0	Monthly	GRAB
0111910	PERMIT	*****	*****	*****	*****	47	117	ug/L			
Effluent Gross	REQUIREMENT					MO AVG	DAILY MX			Monthly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	****	NA	NA	NA	NA	NA	NA
01119 P 0 See Comments	PERMIT REQUIREMENT	<b>《共生专</b> 》《	*****	****	为文文杂音的	47 MO AVG	117 DAILY MX	ug/L		Quarterly	GRAB
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	****	NA	NA	NA	NA	NA	NA
01119 Q 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	47 MO AVG	117 DAILY MX	ug/L		Weekly	GRAB
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	2	mg/L	0	Monthly	GRAB
11123 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	****	*****	25 MO AVG	50 DAILY MX	mg/L		Monthly	GRAB
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	<b>测学校会</b> 原金	*****	NA	NA	NA	NA	NA	NA
11123 P 0 See Comments	PERMIT REQUIREMENT	*****	*>***	*****	市场大型场景	25 MO AVG	50 DAILY MX	mg/L		Quarterly	GRAB
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
11123 Q 0 See Comments	PERMIT REQUIREMENT	余次等安安	*****	****	<b>本</b> 论定并表参	25 MO AVG	50 DAILY MX	mg/L		Weekly	GRAB
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	****	8	8	mg/L	0	Monthly	GRAB
39942 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	*****	18 MQ AVG	27 DAILY MX	mg/L		Monthly	GRAB

r						
- 1	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I vortify under penalty of law that the document and all attachments were prepared under my direction or supervision accordance with a system designed to essure that qualified personnel groporty gather and evaluate the infransation		TE	LEPHONE	DATE
t	John Zanar, Canaral Managar	substituted. Based on any paperty of the patern or persons who commage the system, or those persons directly responsible for		1 1	CLITIONE	DATE
1		gathering the infratuation, the informative submitted in, in the best of my knowledge and belief, true, accurate, and complete. I am aware that there are inguifacent populities for submitting false information, including the population of five		(907)	276-7600	11/19/2010
H		and substrumently to anoming symptoms.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(507)	210-1000	11/15/2010
L	TYPED OR PRINTED		OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			'''-
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	****	*****	*****	*****	NA	NA	NA	NA	NA	NA
39942 P 0	PERMIT	*****	*****	*****	*****	18	27	mg/L			
See Comments	REQUIREMENT					MO AVG	DAILY MX			Quarterly	GRAB
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA NA	NA	NA	NA	NA.	NA
39942 Q 0 See Comments	PERMIT REQUIREMENT	****	*****	*****	***	18 MO AVG	27 DAILY MX	mg/L		Weekly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	8	8	mg/L	0	Monthly	GRAB
50259 1 0 Effluent Gross	PERMIT REQUIREMENT	专业的专业	****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Monthly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	****	*****	*****	****	NA NA	NA	NA	NA	NA	NA
50259 P 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	<b>宗杂妆专业</b>	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	****	*****	*****	****	NA NA	NA NA	NA .	NA	NA	NA
50259 Q 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	GRAB
Mercury, total (as Hq)	SAMPLE MEASUREMENT	****	*****	*****	****	0.2	0.2	mg/L	0	Monthly	GRAB
71900 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	****	0.6 MO AVG	1.0 DAILY MX	ug/L		Monthly	GRAB
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*****	*****	*****	****	NA	NA NA	NA	NA	NA	NA
71900 P 0 See Comments	PERMIT REQUIREMENT	****	*****	*****	安安安全安全	0.6 MO AVG	1.0 DAILY MX	ug/L		Quarterly	GRAB

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	John Zaper Ganaral Managan	automittant. Beaut on my impury of the person or persons who message the system, in those persons directly responsible for pathwing the information, the information submitted is, to the best of my knowledge and belief, true, accessed, and		,	LET TOTAL	DATE	1
-	Mid Continent/Alaska Business Unit	Complete. I am aware that there are aggedicant penalties for submittant labe information, undudore the acceptable, of time		(907)	276-7600	11/19/2010	ı
	TYPED OR PRINTED	and impresonment for hervesing variations	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(/		1171072010	J
,	COMMENTS AND EXPLANATION OF AUGUST		OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY	1

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PARAMETER	-	QUAN:	TITY OR LOADING	G		QUALITY OR CON	ICENTRATION		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			1175
Mercury, total (as Hg)	SAMPLE	*****	*****	*****	*****						<u> </u>
74000 0 0	MEASUREMENT					NA NA	NA NA	NA	NA	NA	NA
71900 Q 0	PERMIT	*****	*****	*****	*****	0.6	1.0	ug/L	<del> </del>		<del> </del>
See Comments	REQUIREMENT					MO AVG	DAILY MX	-9		Weekly	GRAB
Toxicity, Chronic*	SAMPLE	*****	*****	*****					<u> </u>		
Dendraster excentricus	MEASUREMENT			*****	*****	No Sample	No Sample	TUc	NA	Quarterly	GRAB
TT000 1 0	PERMIT	*****	*****	*****	*****	283	568	toxic			
See Comments	REQUIREMENT					MO AVG**	DAILY MX**	IOAIC		See Permit	GRAB
Foxicity, Chronic*	SAMPLE	*****		1			D/ILL W/	-			
Menidia beryllina	MEASUREMENT	*****	*****	*****	*****	No Sample	No Sample	TUc	NA	Annual	GRAB
FT000 1 0	PERMIT	*****	*****	******	*****	283	568				
See Comments	REQUIREMENT					MO AVG**		toxic		See Permit	GRAB
oxicity, Chronic*	SAMPLE		<u> </u>	+		MOAVG	DAILY MX**				
Mytilus galloprovincialis	MEASUREMENT	*****	*****	*****	*****	No Sample	No Sample	TUc	NA	Annual	GRAB
TT000 1 0	PERMIT	*****	*****	*****	*****	283					
See Comments	REQUIREMENT					MO AVG**	568	toxic		See Permit	GRAB
Foxicity, Chronic*	SAMPLE	OHERSTON AND ADDRESS OF THE OWNER,		<del> </del>		IVIO AVG	DAILY MX**				0,0,0
-	MEASUREMENT	****	*****	*****	*****	NA NA	NA	NA	NA	NA	NA
T000 R 0	PERMIT	*****	*****	+	****				1,00	(**)	14/1
See Comments	REQUIREMENT					283 MO AVG	568	toxic		See Permit	GRAB
oxicity, Chronic	SAMPLE					MOAVG	DAILY MX			aca remm	GRAB
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NIA	
TT000 Q 0	PERMIT	*****	*****	*****				14/1	1AV	NA	NA
Effluent Gross	REQUIREMENT			******	*****	283	568	toxic		0	
	TREMOREMENT	- Characteristic Control of Contr	l .	1		MO AVG	DAILY MX	1 1		See Permit	GRAB

John Zager, General Manager	reference. Hence on the property of the person or persons who manage the notions or those persons discrete respectively.		TEI	LEPHONE	DATE
Mid Continent/Alaska Business Unit	gathering the information, the information melvation melvation in to the best of my knowledge and belief, but, accurate, and complete I are never that there are equilibrate possibles for solveniting falsa unformation, recluding the possibility of fine and emperious work to the are expenditured possibilities of the expension of the contract of the contract of the expension of the contract of the expension of the	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER	(907)	276-7600	11/19/2010
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<sup>\*</sup>Trading Bay Treatment Facility conducted its quarterly WET testing in February and May 2010.

<sup>\*</sup>Trading Bay Treatment Facility conducted its annual three species WET testing in August 2010

<sup>&</sup>quot;"Section II.F.4 of the permit.

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